What is claimed is:

1. A device for determining at least one parameter of a medium flowing in a line (3), particularly the intake air mass of an internal combustion engine, having one part (6) which has at least one measuring channel (30) for conducting at least one partial flow of the medium flowing in the line in a main flow direction (18) and which can be inserted into the line (3) with a predetermined alignment with respect to the main flow direction, and having at least one measuring element (9) situated in the measuring channel for determining the at least one parameter,
wherein in part (6), a channel structure is formed, having an input region (27) for the entry of a partial flow of the medium, and having a measuring channel (30) branching off from the input region (27); the input region (27) has a separation zone (28) having a separation opening (33); and at least two projections (51,52) protrude from mutually opposite interior walls (37,38) of the input region (27) into the input region (27).

2. The device as recited in Claim 1,
wherein mutually facing ends (53,54) of the at least two projections (51,52) are separated from each other by a gap (60).

3. The device as recited in Claim 1 or 2,
wherein the at least two projections (51,52) are designed in mirror symmetry to each other.

4. The device as recited in one of Claims 1 through 3,
wherein the projections (51,52) are situated in the area of an opening (21) of the input region (27) facing the main flow direction (18) and protrude transversely to the main flow direction into the input region.

5. The device as recited in one of Claims 1 through 4, wherein the surfaces (55,56) of the projections (51,52) facing the main flow direction are at least partially beveled or curved relative to the main flow direction (18).

6. The device as recited in Claim 1, wherein the separation zone (28) has a separation channel (28a) provided with a throttle structure (47,48) and discharging into the separation opening (33).

7. The device as recited in Claim 6, wherein the throttle structure is formed by a section (47) of the separation channel (28a) having a tapered cross-sectional area.

8. The device as recited in Claim 6, wherein the throttle structure is formed by ribs (48) situated at the inner wall of the separation channel (28a) and preferably running in the direction of separation.